



BEARING INDUSTRIA CUSCINETTI S.P.A.

200 mm x 340 mm x 112 mm SNR
23140.EMW33 Double row spherical roller
bearings

Bearing No. 23140.EMW33

d	200 mm
D	340 mm
B	112 mm
D1	300.6 mm
rs min	3 mm
Number of lubrication holes	3
b	17.7 mm
k	8 mm
e	0.3
Y1	2.25
Y2	3.34
Y0	2.2
Radial clearance class	CN
Mass	41.7 kg
Dynamic load, C	1,890 kN
Static load, C0	2,510 kN
Fatigue limit load, Cu	159 kN
Nref	1,400 rpm
Nlim	1,900 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling	7.17 Hz

23140.EMW33 Bearing 2D drawings and 3D CAD
models



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element frequency, BSF	
Characteristic outer ring frequency, BPF0	9.09 Hz
Characteristic inner ring frequency, BRFI	11.91 Hz
da min	214 mm
Da max	326 mm
ra max	2.5 mm